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Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10826428
(use as many sheets as necessary)				Filing Date	4/16/2004
				First Named Inventor	G. Glenn Henry
				Group Art Unit	2136
				Examiner Name	Daniel L. Hoang
				Attorney Docket Number	CNTR.2227
Sheet	1	of	1		

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2/14 known</sup>			
P		6081884	06-27-2000	Paul K. Miller	
		7194090	03-20-2007	Muraltani et al.	
		7110545	09-19-2006	Furya et al.	
		6919684	07-19-2005	Brian Brandes	
		6674874	01-06-2004	Yoshida et al.	
V		6269163	07-31-2001	Rivest et al.	

## **FOREIGN PATENT DOCUMENTS**

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Sheet	1	of	1	Attorney Docket Number	CNTR.2227

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				Filing Date	4/16/2004
				First Named Inventor	G. Glenn Henry
				Group Art Unit	2131
				Examiner Name	Ayaz R. Sheikh
				Attorney Docket Number	CNTR.2227
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## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
D		KIM, Ho Won et al. "Design and Implementation of a Private and Public Key Crypto Processor and Its Application to a Security System." IEEE Transactions on Consumer Electronics, Vol. 50, No. 1, February 2004. Pages 214 - 224	

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				Examiner Name	Ayaz R. Sheikh
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## **FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>4</sup> (if known)				
J		CN1309351A (US Patent 6983374 provided herewith as an English-Language Equivalent)	08-22-2001	Hashimoto et al.		

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10826428
				Filing Date	4/16/2004
				First Named Inventor	G. Glenn Henry
				Group Art Unit	2131
				Examiner Name	Ayaz R. Sheikh
Sheet	1	of	1	Attorney Docket Number	CNTR.2227

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
P		CN1309351A (US Patent 6983374 provided herewith as an English-Language Equivalent)	08-22-2001	Hashimoto et al.		

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		Number-Kind Code <sup>2</sup> (if known)			
JP		6789147	09-07-2004	Kessler et al.	
J		6028490	02-15-2000	Johns-Vano et al.	
J		5134713	07-28-1992	Miller et al.	
		20010050989	12-13-2001	Jabari Zakiya	
V		20040047466	03-11-2004	Feldman et al.	
V		6246768	06-12-2001	Yong-Duk Kim	

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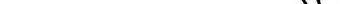
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		Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>4</sup> (if known)				
D	AA	EP1215842	06-19-2002	QI et al.		
H	AB	WO0117152	03-08-2001	Salomao et al.		

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		Number-Kind Code <sup>2</sup> (known)			
11		6983374	01-03-2006	Hashimoto et al.	
		7073059	07-04-2008	Worely et al.	
		6006328	12-21-1999	Christopher Nathan Drake	
		7184549	02-27-2007	Sorimachi et al.	
		7124302	10-17-2006	Ginter et al.	
✓		7088626	08-08-2006	Houlberg et al.	

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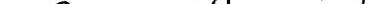
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10826428
(use as many sheets as necessary)				Filing Date	4/16/2004
				First Named Inventor	G. Glenn Henry
				Group Art Unit	2131
				Examiner Name	Ayaz R. Sheikh
				Attorney Docket Number	CNTR.2227
Sheet	1	of	2		

## **U.S. PATENT DOCUMENTS**

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Examiner Signature		Date Considered	9/17/04
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10828428
				Filing Date	4/16/2004
				First Named Inventor	G. Glenn Henry
				Group Art Unit	2181
				Examiner Name	Ayaz R. Sheikh
				Attorney Docket Number	CNTR.2227
Sheet	2	of	2		

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
(H)		FISCHER et al. "Two Methods of Rijndael Implementation in Reconfigurable Hardware." Springer-Verlag Berlin Heidelberg 2001. CHES 2001. LNCS 2162, pp 77-92.	

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				Filing Date	4/16/2004
				First Named Inventor	G. Glenn Henry
				Group Art Unit	2131
				Examiner Name	Ayaz R. Sheikh
Sheet	1	of	2	Attorney Docket Number	CNTR.2227

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				Filing Date	4/16/2004
				First Named Inventor	G. Glenn Henry
				Group Art Unit	2131
				Examiner Name	Ayaz R. Sheikh
				Attorney Docket Number	CNTR.2227
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/826428
				Filing Date	4/16/2004
				First Named Inventor	G. Glenn Henry
				Group Art Unit	2131
				Examiner Name	Ayaz R. Sheikh
				Attorney Docket Number	CNTR.2227
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(use as many sheets as necessary)				Filing Date	4/16/2004
				First Named Inventor	G. Glenn Henry
				Group Art Unit	2131
				Examiner Name	Ayaz R. Sheikh
Sheet	1	of	1	Attorney Docket Number	CNTR.2227

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	10/826428
				Filing Date	04/16/04
				First Named Inventor	G. Glenn Henry
				Group Art Unit	2131
				Examiner Name	Ayaz R. Sheikh
Sheet	1	of	2	Attorney Docket Number	CNTR.2227

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/826428
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				First Named Inventor	G. Glenn Henry
				Group Art Unit	2131
				Examiner Name	Ayaz R. Sheikh
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## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
P	BA	TONG et al. "A system level implementation of Rijndael on a memory-slot based FPGA card." <i>Field-Programmable Technology</i> , 2002. (FPT). 16 December 2002 (2002-12-16), pages 102-109, XP010636515 ISBN: 0-7803-7574-2	
J	BB	TAYLOR D E et al. "Dynamic Hardware Plugins: Exploiting Reconfigurable Hardware for High-Performance Programmable Routers." <i>Computer Networks</i> , Elsevier Science Publishers B.V., Amsterdam, NL, vol. 38, no. 3. 21 February 2002 pages 295-310. XP004333786. ISSN: 1389-1286	
W	BC	ELBIRT A J et al. "Instruction-Level Distributed Processing for Symmetric-Key Cryptography." <i>Parallel and Distributed Processing Symposium</i> . 2003. 22 April 2003. pages 78-87. XP010645610 ISBN: 0-7695-1926-1	

Examiner Signature: *Vanita Paule* Date Considered: 9/7/07

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PTO/SB/08A (08-03)

Approved for use through 10/31/2002. OMB 0851-0031  
GSA GEN. REG. NO. 2720-0744 EDITION 01 GSA FEB 2002

**U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE**

Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/828428
(use as many sheets as necessary)				Filing Date	04/16/04
				First Named Inventor	G. Glenn Henry
				Group Art Unit	2131
				Examiner Name	Ayaz R. Sheikh
Sheet	2	of	2	Attorney Docket Number	CNTR.2227

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
D	BA	WU et al. "CryptoManiac: a fast flexible architecture for secure communication." Proceedings of the 28th. International Symposium on Computer Architecture. ISCA 2001. 06-30-2001 pages 104-113, XP010553867	
D	BB	GLADMAN, BRIAN. "A Specification for Rijndael, the AES Algorithm." Online. 03/13/2003. XP002376287	
V	BC	BACKHUS E. "AES in FPGAs Implementierung Des Advanced Encryption Standards in Hardware." Elektronik, WEKA Fachzeitschriftenverlag, Poing, DE. Vol. 52, no.8. 04/15/2003 pages 54-56, 58, 60. XP001160048	
V	BD	DAEMON J et al. "AES Proposal: RIJNDAEL." AES Proposal 09/03/1999. pages 1-45, XP001060386	

Examiner Signature *[Signature]* Date Considered 07/07/07

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				First Named Inventor	G. Glenn Henry
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Sheet	1	of	1	Attorney Docket Number	CNTR.2227

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J		ULMANN, B. "Designing a NICE Processor." Microprocessors and Microsystems, IPC Business Press LTD. London, GB. Vol. 23, No. 5. 25 October 1999. Pages 257-264. XP004321479 ISSN: 0141-9331.	

**Examiner  
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Date  
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9/17/05

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				Application Number	10/826428
				Filing Date	04/16/04
				First Named Inventor	G. Glenn Henry
				Group Art Unit	2131
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	CNTR.2227

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GSA GEN. REG. NO. G-2500, EDITION 05, 02/15/1995

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/826428
(use as many sheets as necessary)				Filing Date	04/16/04
				First Named Inventor	G. Glenn Henry
				Group Art Unit	2131
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	CNTR.2227

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<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>				<p><i>Complete If Known</i></p>		
Sheet		1	of	2	Attorney Docket Number	CNTR.2227
					Application Number	10/826428
					Filing Date	04/16/04
					First Named Inventor	G. Glenn Henry
					Group Art Unit	2131
					Examiner Name	

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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/828428
				Filing Date	04/16/04
				First Named Inventor	G. Glenn Henry
				Group Art Unit	2131
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	CNTR.2227

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Examiner Signature		Date Considered	1/17/07
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**Substitute for page 144**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/826428
Filing Date	04/16/04
First Named Inventor	G. GLENN HEN
Group Art Unit	2131
Examiner Name	UNKNOWN
Attorney Docket Number	CNTR 2227

Sheet

1

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Part Number CNTB 2227

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>4</sup> ( <sup>5</sup> known)			
H	AA	EP1298518A2	04-02-2003	Tokyo Shibaura Electric	
J	AB	EP1202150A2	05-02-2002	Tokyo Shibaura Electric	
V	AC	DE3432721A1 (English-language version of the search report or action which indicates the degree of relevance found by the foreign office is attached.)	03-06-1986	Hahn, Ruediger	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/826428
				Filing Date	04/16/04
				First Named Inventor	G. GLENN HENRY
				Group Art Unit	2131
				Examiner Name	UNKNOWN
Sheet	2	of	2	Attorney Docket Number	CNTR.2227

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	NA
				Filing Date	Herewith
				First Named Inventor	G. Glenn Henry Thomas A. Crispin Terry Parks
				Group Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	CNTR.2227

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		Number	Kind Code <sup>2</sup>			
JP	AA	4316055		Feistel, Horst	02/16/1982	
	AB	5016276		Matumoto et al	05/14/1991	
	AC	5218637		Angebaud et al	06/08/1993	
	AD	5673319		Bellare et al	09/30/1997	
	AE	5870470		Johnson et al	02/09/1999	
	AF	6182216		Luyster, Frank C.	01/30/2001	
	AG	6301362		Matyas, Jr. et al	10/09/2001	
JK	AH	6324286		Lai et al	11/27/2001	
	AI	6578150		Luyster, Frank C.	06/10/2003	

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				<b>First Named Inventor</b>	G. Glenn Henry Thomas A. Crispin Terry Parks
				<b>Group Art Unit</b>	
				<b>Examiner Name</b>	
<b>Sheet</b>	2	<b>of</b>	2	<b>Attorney Docket Number</b>	CNTR.2227

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<i>P</i>	AA	DAVID E. KIMBLE, MITSURA SHIMADA, NAVIN CHANDER; "FIFO ARCHITECTURE WITH IN-PLACE CRYPTOGRAPHIC SERVICE"; 02/27/2003;TEXAS INSTRUMENTS INCORPORATED; DALLAS, TX, USA.	

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